

13. ALL PRE-CAST SURFACES SHALL BE TREATED WITH AN ACRYLIC SEALER.

14. WIRE TIE ALL REBAR LAYERS AND WIRE TIE DEFORMED BAR RODS TO REBAR LAYERS.

15. FRONT AND REAR STEEL PLATES (ITEM 3 AND 10) SHALL BE FLAT AND PARALLEL WITHIN \pm OR \pm $\frac{1}{4}$ IN. FROM THEORETICAL PLANE.

16. AFTER ALL WELDING AND PAINTING IS COMPLETE, FILL VOIDS BETWEEN PLATES (ITEM 12) WITH POLYURETHANE FOAM (ITEM 13).

FOAM IS:

"GREAT STUFF", MINIMAL EXPANDING
DOW CHEMICAL CO.
1881 WEST OAK PARKWAY
MARIETTA, GA. 30062

MAY BE PURCHASED AT HOME DEPOT

17. LIGHTLY SANDBLAST ALL EXPOSED STEEL SURFACES BEFORE CLEANING PER TT-C-4900, PRIME STEEL SURFACES PER MIL-PRF-23377, PRIMER COATINGS, EPOXY, HIGH-SOLIDS, TOPCOAT OF EPOXY PAINT PER MIL-PRF-22750F, COATING, EPOXY, HIGH-SOLIDS, COLOR: GRAY LUSTERLESS (36495) PER FED-STD-595, PAINTING ITEMS 8, 9, 11 AND 12 AFTER WELDING, BUT PRIOR TO FINAL BLOCK ASSEMBLY IS OPTIONAL.

18. POLYURETHANE, RUBBER STRIP, 40A DUROMETER, SELF-ADHESIVE, AVAILABLE FROM:

McMASTER-CARR
P.O. BOX 54960
LOS ANGELES, CA. 90054-0960
PHONE: (562) 692-5911

19. THIS PIN POCKET NOT INSTALLED ON R68325-200

20. PLATE (ITEM 16) NOT INSTALLED ON R68325-100

7. WELD AND INSPECT PER 9912119, CLASS II, USING E70XX ELECTRODES PER AWS A5.5-81 OR E70S-X ELECTRODES OR RODS PER AWS A5.18-79.

8. DIMENSIONAL TOLERANCES SHALL BE AS FOLLOWS: (UNLESS OTHERWISE NOTED)

A. LINEAR DIMENSIONS $\pm 1/8"$.

B. OUT OF SQUARE $\pm 1/8"$.

C. ALL SURFACES SHALL BE FLAT WITHIN $\pm 1/8"$ FROM THEORETICAL PLANE.

9. PROVIDE AT LEAST $1\frac{1}{2}"$ COVER BY CONCRETE OF REINFORCING STEEL.

10. MINIMUM CONCRETE REQUIREMENTS:

4000 PSI @ 28 DAYS, 4.5 - 6% ENTRAINED AIR, CURED CONCRETE SHALL NOT EXCEED 142 LB. PER CU. FOOT (EXCLUSIVE OF STEEL REINFORCING). CUSTOMER MAY REQUEST TYPE III, HIGH EARLY STRENGTH CEMENT.

11. THE BASE OF ITEM 5 MAY BE BENT SLIGHTLY TO ALLOW PROPER PLACEMENT OF ITEM 8.

12. APPROX. LOCATION OF PAINTED 4" HIGH NUMBER PAINT BLACK. PAINT FINISHED WEIGHT OF BLOCK ROUNDED TO THE NEAREST 100 #.

NOTES:

1. STEEL EDGES AND SURFACES TO BE GROUND OR PLACED FLUSH TO $\frac{1}{16}$ INCH BELOW SURROUNDING CONCRETE SURFACES.

2. DO NOT CHAMFER CONCRETE EDGES, LEAVE SHARP.

3. MANUFACTURED BY NELSON STUD WELDING DIV., TRW INC.
7900 WEST RIDGE, P.O. BOX 4019, ELYRIA, OH 44036.

4. TWO ANCHORS (ITEM 7) PER ANGLE, LOCATED EQUALLY SPACED WITHIN RUN.

5. TACK WELD 100 RANDOM INTERSECTIONS OF ITEMS 4, 5, AND 6.

6. WELD DEFORMED BAR ANCHORS (ITEM 6) TO PLATE (ITEM 3 AND 10); PER MANUFACTURERS INSTRUCTIONS; WELD HEADED ANCHORS (ITEM 7) TO ANGLES (ITEM 2).

TABULATION	
PART NO.	CLASSIFICATION
R68325-100	UNCLASSIFIED
R68325-200	UNCLASSIFIED

D

D

C

C

B

B

A

A

DESIGN PART	AGENCY NUMBER	REVISIONS						
		ISS	SHEET ZONE	PREPARED BY	DESCRIPTION	DATE	CHKR	APVD
SEE	TABULATION	A		C. MATTHEWS, 2996/ D. SWAHLAN, 5832				DS

V

V

V

V

V

V

V

V

2	2	8997K72	STRIP, RUBBER, 3" WIDE X $\frac{3}{16}"$ THK	18		17
1		ASTM A36	STEEL PLATE $\frac{1}{4}"$ THK	20.		16
2	2		TUBE, RECTANGULAR, STEEL, 4" X 7" X $\frac{1}{4}"$			15
2	2		TUBE, RECTANGULAR, STEEL, 4" X 10" X $\frac{1}{4}"$			14
ARS	ARS		POLYURETHANE FOAM SEALANT DOW	16		13
6	6	ASTM A36	STEEL PLATE, $\frac{1}{4}"$ STOCK THK.			12
2	2		TUBE, RECTANGULAR, STEEL, 4" X 12" X $\frac{1}{4}$ WALL			11
1	1	ASTM A572	STEEL, PLATE, $\frac{3}{16}$ THK., GRADE 50			10
2	4	ASTM A36	STEEL, PLATE, $\frac{1}{4}$ THK			9
2	4		PIPE, STEEL, STANDARD WEIGHT, 5" NOM. DIA			8
28	28	01-053-005	HEADED ANCHOR $\frac{1}{2}$ X $5\frac{5}{16}"$	3,4,6		7
101	101	101-064-796	DEFORMED BAR ANCHOR $\frac{1}{2}$ X 24-1/8	3,6		6
40	40	ASTM A615	BAR REINFORCING #7 GRADE 60			5
16	16	ASTM A615	BAR REINFORCING #6 GRADE 60			4
1	1	ASTM A572	PLATE $\frac{1}{2}$ IN. STEEL, HIGH STRENGTH, LOW ALLOY GRADE 50			3
AR	AR	ASTM A36	ANGLE 2 X 2 $\frac{1}{4}$ STEEL			2
AR	AR	9906006	CONCRETE 4000 PSI COMPRESSIVE STRENGTH @ 28 DAYS	10		1
NA	NA	9912119	WELDING STEEL			
NO REQD	NO REQD	PART/CONTROL NO	DESCRIPTION/MATERIAL	NOTE	SHEET ZONE	ITEM
R68325-200	R68325-100		SHEET 1 2 3 4 5 6 TITLE			
			ISSUE A A A A A A			
			PART CLASSIFICATION SEE TABULATION			BLOCK, EARTH COVERED, SPACE COMMAND (U)
			DRAWING CLASSIFICATION UNCLASSIFIED	SIZE E	DRAWING NUMBER R68325	
				CAGEC 14213	SCALE 1:6	SHEET 1 OF 4
			STATUS SA-REL-04/11/02	ORIGIN SA-MSJ		